

Naval Enterprise Networks Industry Day #2 NGEN Re-compete Acquisition Approach

Philip M. Anderson Deputy Program Manager, PMW 205 25 May 2016





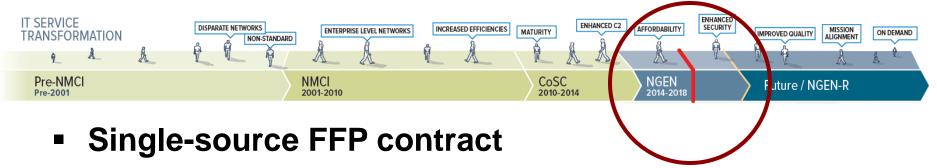




- NGEN
- NGEN Re-compete (NGEN-R)
- Shaping the NGEN-R
- Industry engagement
- Plans
- Contract focus areas
- Summary



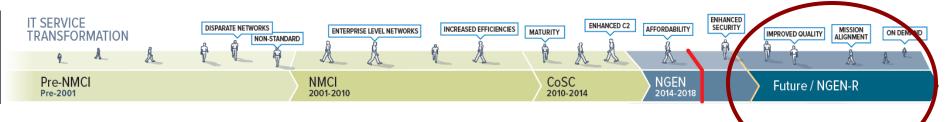
Next Generation Enterprise Network



- Next level (post-NMCI contract) of IT transformation
 - Government owned/Contractor operated framework
 - Further enablement of network Command and Control (C2) and increased network situational awareness (SA)
 - Performance management/measures instituted
 - Use of ITIL best practices
- Thirty-four services and functions, network operations
- Service delivery for 700,000+ users, at 2500+ sites
 - FY15 3500 task orders, plus 9300 task order modifications
 - FY15 Awarded 64 enterprise and 668 Fleet projects, respectively



NGEN Re-compete



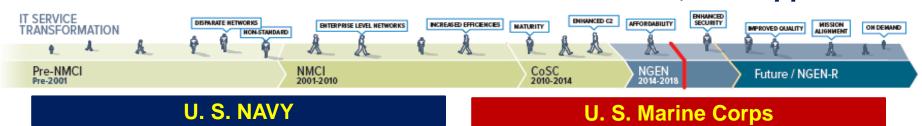
- DON plans and strategies to determine post NGEN:
 - Information Technology (IT) Services...the "what"
 - Effective IT service delivery methodologies utilizing Government and contractor owned networks...the "how"
 - Service Model: Industry assumed, Government retained, and shared functions
 - Alignment between processes, tools and governance
- U/Classified and OCONUS service delivery
- A post-NGEN set of contracts (segmentation TBD)

NGEN-R represents the next logical step to transform DON IT



USN/USMC Partnership

One Service Portfolio, Two Approaches





COMMAND AND CONTROL ENABLEMENT















What is Different?



- Greater emphasis on NMCI/MCEN as warfighting networks
- Customer and stakeholder demands for:
 - Service provisioning and delivery speed-to-outcome
 - CONUS and OCONUS alignment
 - Network availability, reliability, and security
 - Tailored service performance standards
- Cloud technologies (for improved service provisioning)
- Multiple contracts, longer base year requirements
- Multi-contract/multi-vendor ordering tools and processes
- Vendor managed data centers
- Joint Service security and service delivery initiatives
- Government/Vendor service strategy alignment

Service Model and Portfolio aligned with the future landscape



What is Driving Change?

These Never Stop Changing



- Real-time network C2 and SA
- Network security, reliability, and availability
- Security of all data, information, networks
- Improved services
- Service provisioning and delivery speed-tooutcome
- Contract flexibility



- Integration of OCONUS Networks into NEN
- Migration of legacy networks into NEN
- Commercial cloud efficiencies
- Industry management of USN data centers
- A common tool set for network operations and cyber awareness



- Industry-wide teaming and focused partnerships
- Substantive cloud service capabilities
- Vendor-agnostic products and services
- Proven cost effective technologies
- Significant small business engagement and interest



- Mobility (ubiquitous access to all data)
- Cyber security tools and techniques
- Unified capabilities
- Cloud technologies
- Network tools and automation
- Ability to positively impact "speed-tooutcome"

Constantly evolving inputs require commensurate changes to the service portfolio (the what) and corresponding service delivery model (the how)



Focused Industry Engagement

- 40+ vendors between July 2015 May 2016
- Insights and discovery
 - Vendors of significant quantity and capability
 - Significant interest in cloud services, broker, integrator roles
 - Catalyst for Government re-assessment of: contract segmentation;
 contract PoP; paths to innovation; required network enhancements
 - Contract/scope flexibility will be key mission enabler
 - Future partnerships best served by Government/Vendor service strategy alignment process
- Government still needs implementable examples of:
 - Organizational/operational level agreement implementation
 - Contract language supportive of flexible technology insertion

Thank you!!! Your feedback was invaluable!!!



What Are We Planning to Do?

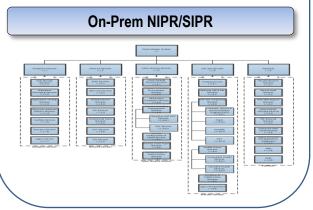
Transforming from a single-source service model (on-premises) to a multi-source (on & off premises) service delivery model aligned to unique customer profiles and C2 requirements.

Current State

Single-Source Delivery Model

Single Vendor

All Enterprise Services delivered by a single vendor for the entire portfolio. . .



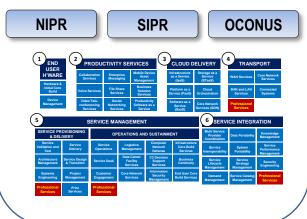


Future State

Multi – Source Procurement

Multiple Vendors

Service provisioning, delivery and integration using multi – sourcing approach





DEPARTMENT OF THE NAVY

Contract Focus Areas

As of 22 May 2016 - - Final Contract Segmentation TBD

END USER H'WARE

> Hardware & Initial Core Build

Device Management

Services

Services

PRODUCTIVITY SERVICES

Collaboration Services	Enterprise Messaging	Mobile Device Asset Management	
Voice Services	File Share Services	Business Solution Services	
Video Tele- conferencing Services	Social Networking Services	Productivity Software as a Service	

CLOUD DELIVERY

Infrastructure	Storage as a
as a Service	Service
(IaaS)	(STaaS)
Platform as a	Cloud
Service (PaaS)	Orchestration
Software as a Service (SaaS)	Core Network Services (SDN)

TRANSPORT

WAN Services

Core Network
Services

BAN and LAN
Services

Connected
Systems

Professional Services

SERVICE INTEGRATION

5

SERVICE MANAGEMENT

SERVICE PROVISIONING & DELIVERY		OPERATIONS AND SUSTAINMENT			
Service Validation and Test	Service Delivery	Service Operations	Logistics Management	Computer Network Defense	Infrastructure Core Build Services
Architecture Management	Service Design & Transition	Service Desk	Data Center Facility Services	C2 Decision Support Services	Business Continuity
Systems Engineering	Project Management	Customer Engagement	Core Network Services	Information Security Management	End User Core Build Services
Professional	Deins	Professional			

Services

Multi Service Provider Coordination	Data Portability	Knowledge Management
Service Interoperability	System Portability	Service Performance Management
Service Lifecycle Management	Service Strategy Management	Security Engineering
Demand Management	Service Catalog Management	Professional Services





- USN & USMC: Two approaches, single set of contracts
- Integration of customer, stakeholder, industry inputs and technology to develop the notional approach
- Multi-sourcing to encourage maximum competition
- Use of commercial services and delivery methods
- Network transformation activities and timing are key enablers to achieving our service delivery outcomes
- Important to understand vendor-to-vendor contractual agreements to ensure seamless service delivery

Thank you for your interest in the NGEN Re-compete



THANK YOU